

FIG. 1

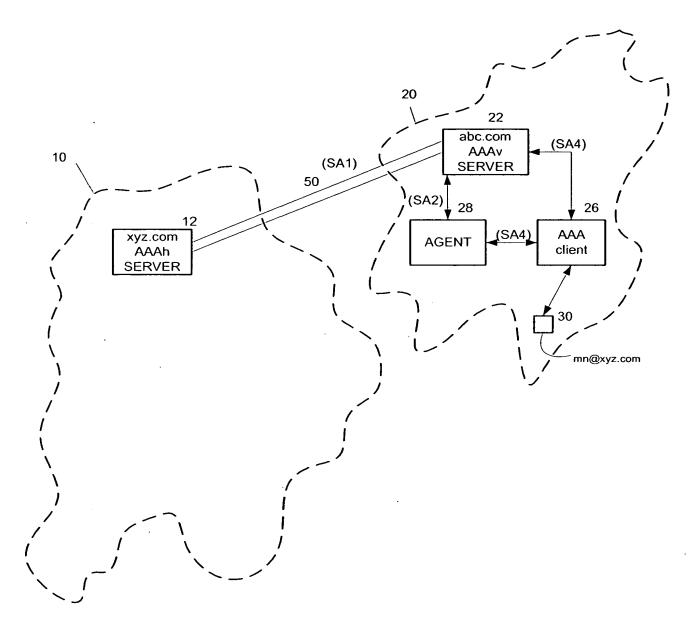


FIG. 2

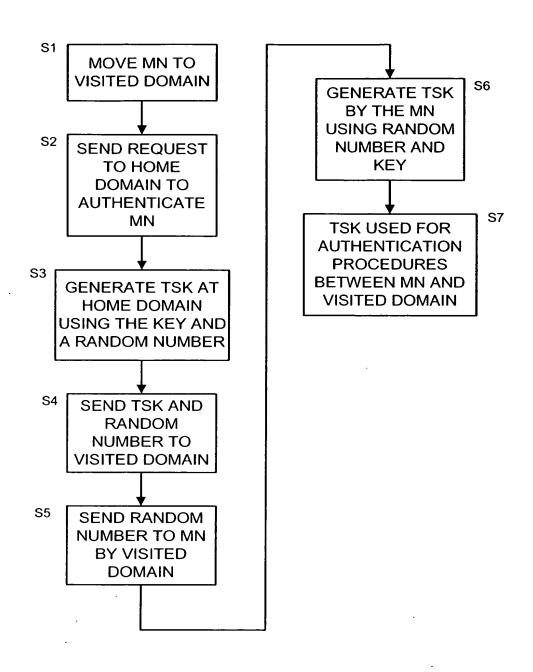
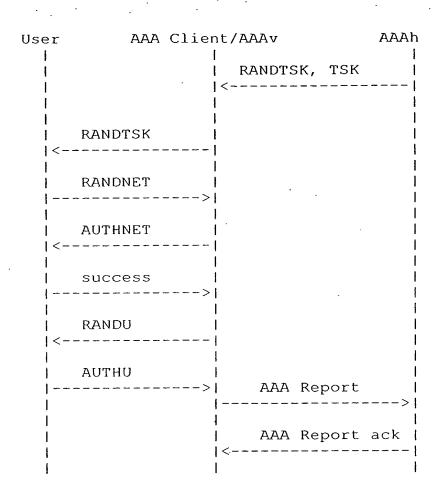


FIG. 3

| User            | AAA    | client  | AAA         | ı AAAi     | ı         |
|-----------------|--------|---------|-------------|------------|-----------|
| LC, VN ID       |        | 1       |             |            | l         |
| <               |        | - !     |             |            | ł         |
| ID, AUTHU, LC,  | HC     | 1       | 1           | l          | }         |
|                 |        | >       |             |            |           |
| 1               |        | l LC    | ,ID, AUTHU, | HC, VN I   | )         |
| 1               |        | 1       | >           | l — —      |           |
| 1               |        | 1       |             | >          |           |
| 1               |        | 1       | RANDTS      | K, TSK, AU | THNET, HC |
| 1               |        | 1       |             | <          |           |
| l               | R      | ANDTSK, | AUTHNET, HO | C          |           |
| 1               |        | <       |             |            |           |
| 1               |        | 1       |             |            |           |
| RANDTSK, AUTHNE | ET, HC | 1       | I           | !          | ı         |
| <               |        | -       | ı           | l          | ı         |
| 1               |        | 1       | l           | İ          | ı         |
|                 |        |         |             |            |           |

LC = Local Challenge
HC = Host Challenge
AUTHU = User authentication data
ID = User Identifier
VN\_ID = Visited Network Identifier
AUTHNET = Network authentication data

F16. 4



F16.5